



CERAMIC FITTINGS

For High Wear Applications

United Conveyor Corporation (UCC) Single-Piece Ceramic Fittings are designed for extended service life in high wear pneumatic fly ash, bottom ash and pyrites conveying applications. In most applications, UCC DURITE® fittings provide excellent wear resistance. However, in severe duty applications ceramic-lined fittings provide superior wear resistance. The UCC single-piece ceramic design eliminates potential erosion and failure points caused by manual assembly of tiled ceramic fittings, thereby reducing maintenance and lower life cycle cost.

Single-Piece Liner



FEATURES

- Lining Material: Single-Piece, Silicon Carbide Ceramic
- Body Material: Carbon Steel
- Centerline Radius: 30"
- Wall Thickness: 3/4"
- Pipe Ends: 150# ANSI Flange Bolt Circle
- 45° and 90° Elbows

ADVANTAGES

- **Superior Performance**
 - › Ceramic liner offers superior wear resistance over DURITE fittings in severe duty applications
 - › Single-piece ceramic liner eliminates potential erosion and wear points between fitted tiles
- **Simple and Fast Installation**
 - › Drop-in replacement with industry standard 150# ANSI inlet and outlet flanges
 - › Welded web reinforcement with added lifting points for easy lifting and handling
- **Innovative Design Extends Service Life**
 - › Strict assembly tolerances provide smooth, flat flange surfaces for superior gasket sealing
 - › Carbide epoxy finish protects the adhesive between ceramic liner and metal casing for extended service life

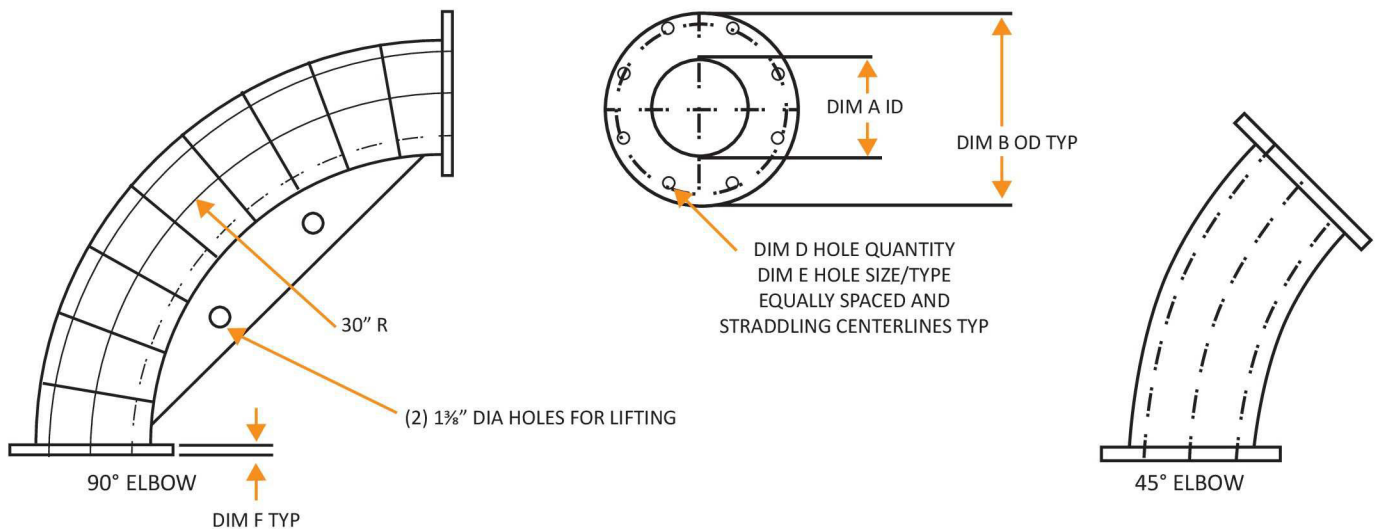
Carbide Epoxy Surface Finish



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KEY DIMENSIONS



DIMENSIONS								
Pipe Size	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	Weight 45°	Weight 90°
6"	6"	11"	9 1/2"	8	5/8" - 11 Tapped	7/8"	87	163
7"	7"	13 1/2"	11 3/4"	8	3/4" - 10 Tapped	7/8"	131	206
8"	8"	13 1/2"	11 3/4"	8	3/4" - 10 Tapped	7/8"	137	230
9"	9"	15 1/2"	13 3/4"	8	3/4" - 10 Tapped	7/8"	159	271
10"	10"	16"	14 1/4"	12	3/4" - 10 Tapped	7/8"	181	354
12"	12"	19"	17"	12	7/8" - 9 Tapped	7/8"	371	682
14"	14"	21"	18 3/4"	12	1 1/8" - 7 Tapped	1"	480	849

ORDERING INFORMATION

Please reference UCC Drawing 2-1711-116 for current product information.

UNITED CONVEYOR CORPORATION